

PROCEDURE FOR CALIBRATING, STANDARDIZING OR CHECKING EQUIPMENT

Revised 07/08, 5/11

PROCEDURE #70

Equipment Checked:

STRAIGHTEDGE

T 99, T 180, SD 104

Purpose:

To provide instructions for checking the critical dimensions of the straightedge.

Inspection Equipment Required:

1. Glass plate capable of covering the length of the straightedge being checked.
2. Feeler gauge 0.01" thick.

Tolerance:

The straightedge shall be plane within 0.01" per 10" of length within the portion used for trimming the soil.

Procedure:

1. Measure length of straight edge.
2. Inspect beveled edge. Report the findings.
3. To verify that the straightedge is plane, place the glass plate on a level surface. Lay the wide side of the straightedge on the glass plate. Attempt to slide the 0.01" feeler gauge between the plate and the straightedge. Record the findings.
4. To verify that the straightedge is plane, place the glass plate on a level surface. Place the cutting edge on the glass plate with the wide side of the straightedge perpendicular to the glass plate. Attempt to slide the 0.01" feeler gauge between the plate and the straightedge. Record the findings.